

Ship June 30

Dart Aerospace Ltd.

Date: Monday, 6/12/2006 3:37:26 PM  
 User: Kim Johnston

## Process Sheet

Customer : CU-DAR001 Dart Helicopters Services Drawing Name : STRUT WELDMENT ASS'Y  
 Job Number : 27513  
 Estimate Number : 10678  
 P.O. Number : N/A Part Number : D3443043  
 This Issue : 6/12/2006 S.O. No. : N/A Drawing Number : D3443 REV B  
 Prsht Rev. : NC Project Number : N/A  
 First Issue : N/A Type : LARGE FAB ASSY Drawing Revision : B  
 Previous Run : 25518 Material : N/A  
 Written By : *SEE COMMENT BELOW* Due Date : 6/30/2006 Qty: 2 Um: Each  
 Checked & Approved By : *06 06 13 u*  
 Comment : EST. REV A 05.11.17 NEW ISSUE EC

## Additional Product

Job Number:



Seq. #:	Machine Or Operation:	Description :
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1.0	D34437	Tubing
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Comment: Qty.: 1.0000 Each(s)/Unit Total : 2.0000 Each(s)

Pick:

Qty	Part Number	Description	Batch
1	D3443-7	TUBING	B 27532

M 06/06/27 (2)

2.0	D34433	Clevis
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Comment: Qty.: 1.0000 Each(s)/Unit Total : 2.0000 Each(s)

Pick:

Qty	Part Number	Description	Batch
1	D3443-3	CLEVIS	B 27530

M 06/06/27 (2)

3.0	238805	SS DOWEL PIN 3/4" LONG
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Comment: Qty.: 1.0000 Each(s)/Unit Total : 2.0000 Each(s)

Pick:

Qty	Part Number	Description	Batch
1	238-805	SS DOWEL PIN 3/4" LONG	M 19080

M 06/06/27 (2)

4.0	LARGE FAB 1	LARGE FABRICATION RESOURCE 1
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Comment: LARGE FABRICATION RESOURCE 1  
 Weld assembly as per dwg D3443

M 06/06/27 (2)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Mfg / Design Mgr	Approval QC Inspector

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Design Mgr	Approval QC Inspector
			Initial Design Mgr	Action Description Design Mgr	Sign & Date			

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes ☒ No ☐ DQA: DD Date: 26/06/30

NOTE: Date & initial all entries

QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Date: Monday, 6/12/2006 3:37:26 PM  
User: Kim Johnston

## Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: STRUT WELDMENT ASS'Y

Job Number: 27513

Part Number: D3443043

Job Number:



Seq. #:

Machine Or Operation:

Description :

5.0

QC5/9

WELD INSPECTION



Comment: WELD INSPECTION

6.0

POWDER COATING

POWDER COATING



Comment: POWDER COATING

1-Mask holes as per dwg D3443

2-Powder Coat White Gloss (Ref: 4.3.5.2) as per QSI 005 4.3

MSC 06/29/06  
A.M. 06-06-29 (2)

7.0

QC3

INSPECT POWDER COAT/CHEMICAL CONVERSION



Comment: INSPECT POWDER COAT/CHEMICAL CONVERSION

SB 06/06/29 (2)

8.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Identify and Stock

Location: BA

SB 06/06/29 (2)

9.0

DC

DOCUMENT CONTROL



Comment: DOCUMENT CONTROL

Inspection Level 21

PD 06/06/30 (2)

Job Completion



W 06-06-30

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Mfg / Design Mgr	Approval QC Inspector

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Design Mgr	Approval QC Inspector
			Initial Design Mgr	Action Description Design Mgr	Sign & Date			

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

NOTE: Date & initial all entries

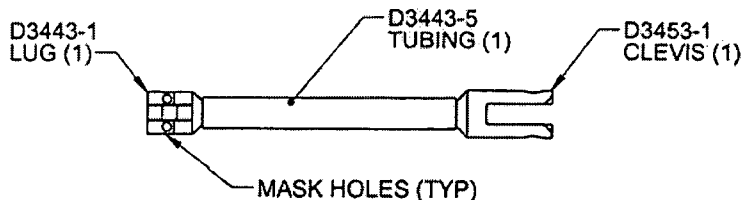
QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_



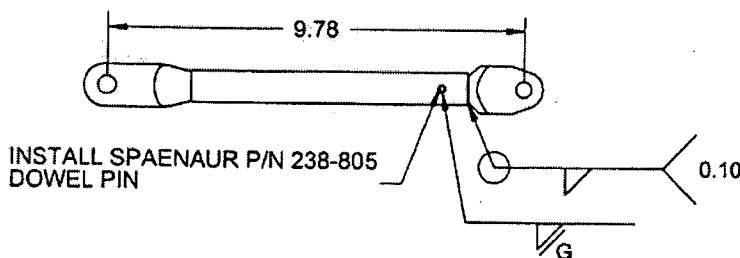
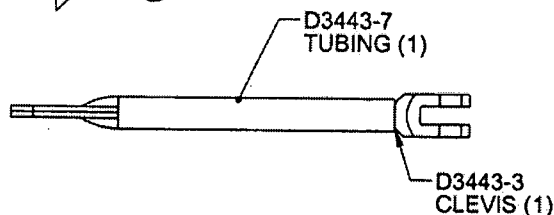
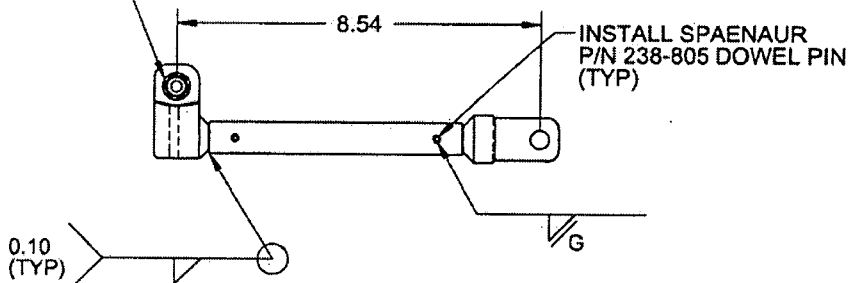
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CHECKED <i>H</i>	APPROVED <i>H</i>	DRAWING NO. <b>D3443</b>	REV. B SHEET 1 OF 3
DATE <b>05.12.05</b>		TITLE <b>STRUT WELDMENT ASSEMBLY</b>	SCALE 1:4
A	05.09.02	NEW ISSUE	
B	05.12.05	ADDED -9 PIN; REMOVED BALL PLUNGER; REVISE TOLERANCE; & Ø0.125 WAS #30	

**RELEASED**

05.12.09 *H*

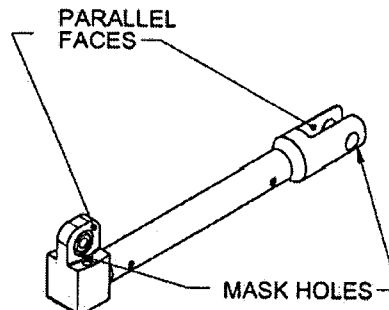


PRESS FIT McMASTER-CARR P/N 63215K32  
BALL JOINT BEARING AFTER POWDER COAT

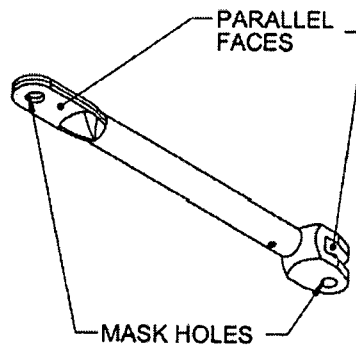


**NOTES:**

- 1) WELD PER DART QSI 004
- 2) FINISH: POWDER COAT WHITE (4.3.5.2) PER DART QSI 005 4.3
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER



**D3443-041**



**D3443-043**

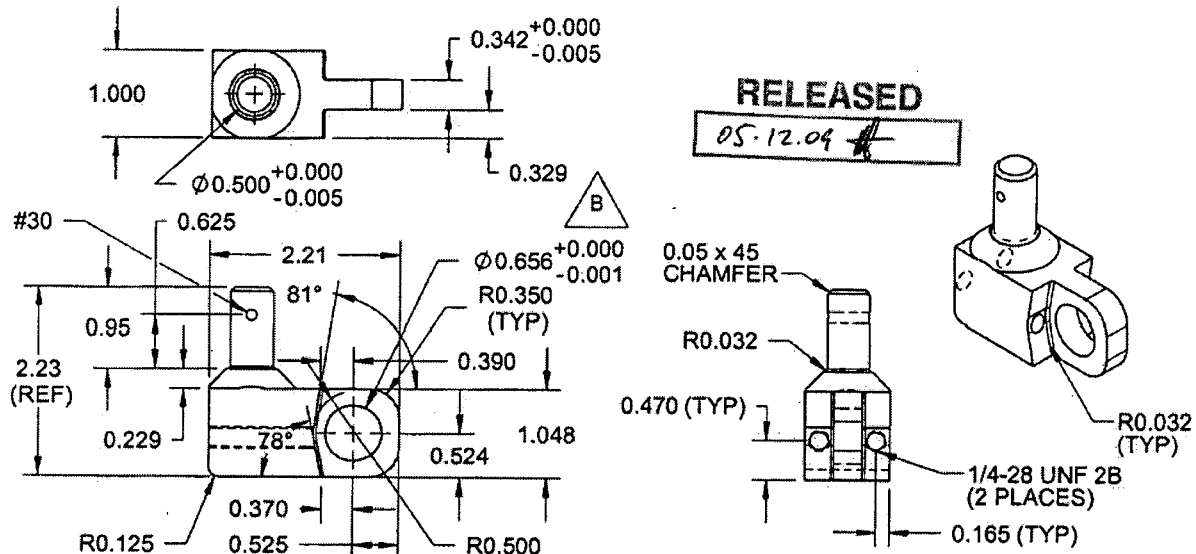
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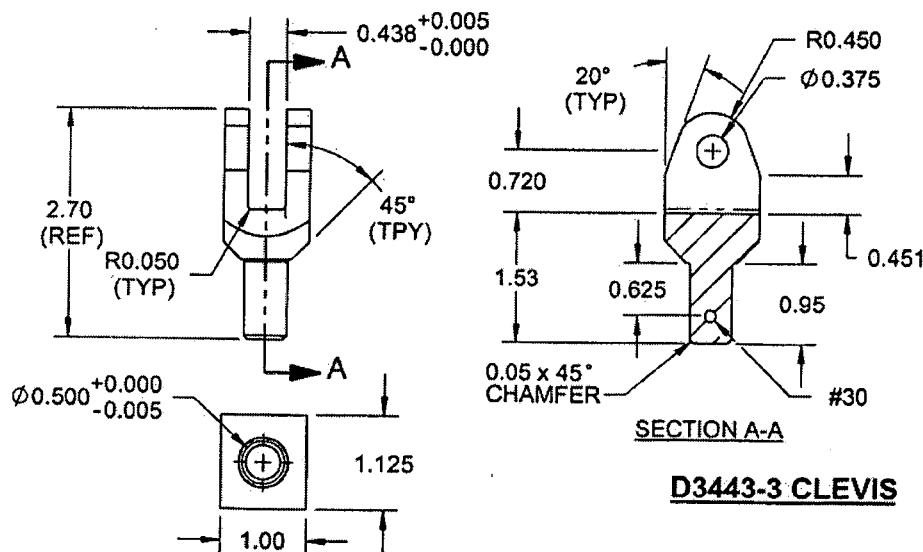
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**DART**

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CHECKED <i>[Signature]</i>	APPROVED <i>[Signature]</i>	DRAWING NO. <b>D3443</b>	REV. B SHEET 2 OF 3
DATE <b>05.12.05</b>	TITLE <b>STRUT WELDMENT ASSEMBLY 12</b>		

**D3443-1 NOTES:**

- 1) MATERIAL: 17-4 SS PER AMS 5604/5643 (REF DART SPEC M17-4B)

**D3443-3 NOTES:**

- 1) MATERIAL: AISI 304 SS ROUND BAR (REF. DART SPEC M304R)

**GENERAL NOTES:**

- 2) FINISH: NONE  
3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED  
4) ALL DIMENSIONS ARE IN INCHES  
5) BREAK ALL UNMARKED SHARP EDGES 0.005 TO 0.010

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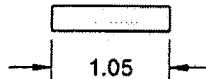
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CHECKED #	APPROVED #	DRAWING NO. D3443	REV. B SHEET 3 OF 3
DATE 05.12.05		TITLE STRUT WELDMENT ASSEMBLY 1:2	

$\phi 0.210^{+0.005}_{-0.010}$



**D3443-9 PIN**

**D3443-9 NOTES:**

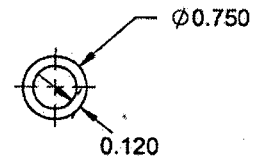
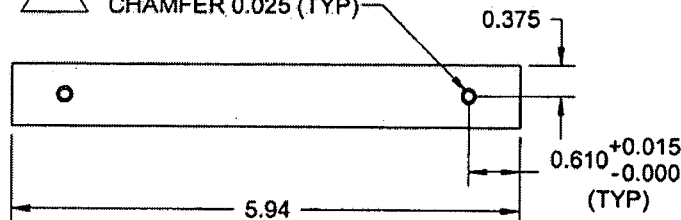
- 1) MATERIAL: DELRIN II 150R OR ACETRON GP ACETAIL (REF. DART SPEC M-DELRIN-R)
- 2) FINISH: NONE
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES

**RELEASED**

05.12.05

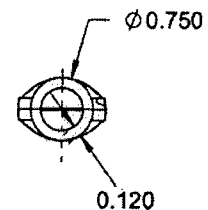
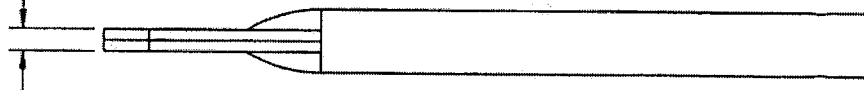


DRILL  $\phi 0.125$  THRU  
CHAMFER 0.025 (TYP)

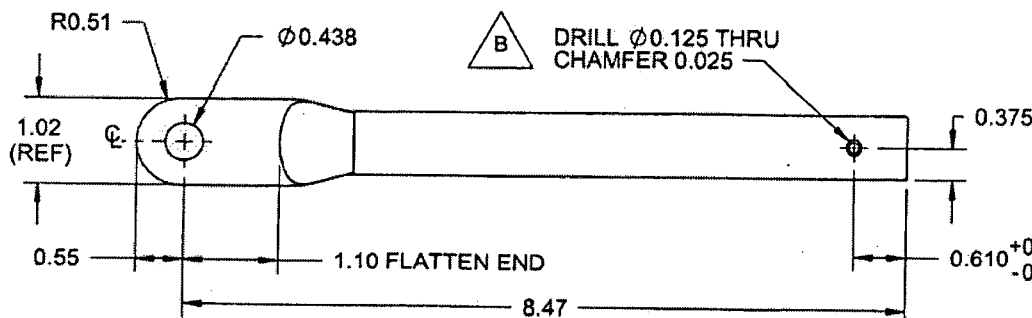


**D3443-5 TUBING**

$0.260^{+0.000}_{-0.030}$



DRILL  $\phi 0.125$  THRU  
CHAMFER 0.025



**D3443-7 TUBING**

**D3443-5/-7 NOTES:**

- 1) MATERIAL: AISI 316/304 SS SEAMLESS TUBING (REF. DART SPEC M304TR0.7500W120)
- 2) FINISH: NONE
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL UNMARKED SHARP EDGES 0.005 TO 0.025

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